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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

**Complete if Known**

|                        |                 |
|------------------------|-----------------|
| Application Number     | 10/980,425      |
| Filing Date            | 2-17-04         |
| First Named Inventor   | Chih-Ching Shih |
| Art Unit               | 2822            |
| Examiner Name          | Soward          |
| Attorney Docket Number | A1351           |

## U. S. PATENT DOCUMENTS

| U. S. PATENT DOCUMENTS |          |  |                                |  |   |
|------------------------|----------|--|--------------------------------|--|---|
| Examiner Initials*     | Cite No. | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        |          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| [Handwritten marks]    | US-      | 4,207,556                                | 06-10-1980                     | Yoshi et al.                                       |   |
|                        | US-      | 4,433,331                                | 02-21-1984                     | Kollaritsch  |   |
|                        | US-      | 4,609,986                                | 02-21-1986                     | Hartmann et al.                                    |   |
|                        | US-      | 4,617,479                                | 10-14-1986                     | Hartmann et al.                                    |   |
|                        | US-      | 4,761,768                                | 08-02-1988                     | Turner et al.                                      |   |
|                        | US-      | 4,642,487                                | 02-10-1987                     | Carter   |   |
|                        | US-      | 5,510,730                                | 04-23-1996                     | El Gamal et al.                                    |   |
|                        | US-      | 5,291,434                                | 03-01-1994                     | Kowalski   |   |
|                        | US-      | 6,477,094                                | 11-05-2002                     | Kim et al.   |   |
|                        | US-      | 6,456,546                                | 09-24-2002                     | Kim et al.   |   |
|                        | US-      | 5,303,199                                | 04-12-1994                     | Ishihara et al.                                    |   |
|                        | US-      | 5,070,384                                | 12-03-1991                     | McCollum et al.                                    |   |
|                        | US-      | 5,463,244                                | 10-31-1995                     | De Araujo et al.                                   |   |
|                        | US-      | 6,125,069                                | 09-26-2000                     | Aoki   |   |
|                        | US-      | 6,108,261                                | 08-22-2000                     | Kim et al.   |   |
|                        | US-      | 5,844,298                                | 12-01-1998                     | Smith et al.                                       |   |
|                        | US-      | 5,831,923                                | 11-03-1998                     | Casper   |   |
| [Handwritten marks]    | US-      | 10/646,013                               | N/A                            | Cheng H. Huang et al.                              |   |

## FOREIGN PATENT DOCUMENTS

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**Examiner  
Signature**

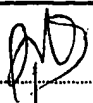

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| Date Considered |  |
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10/2/05

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| NON PATENT LITERATURE DOCUMENTS   |                       |   |
|---|-----------------------|---|
| Examiner Initials*  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|    |                       | WEI ZHANG ET AL., "Energy Effect of the Laser-Induced Vertical Metallic Link", IEEE Transactions on Semiconductor Manufacturing, Vol 14, No. 2, May 2001 pp 163-169   |
|   |                       | "Analyzing the process window for laser copper-link processing"<br>Solid State Technology - Semiconductor manufacturing and wafer fabrication, Jan 8, 2003  |
|   |                       | ALEXANDER KALNITSKY et al. "CoSi2 integrated fuses on poly silicon for low voltage 0.18 um CMOS applications"<br>(c) 1999 IEEE  |
|   |                       | MOHSEN ALAVI "A PROM Element Based on Salicide Agglomeration of Poly Fuses in a CMOS logic process"<br>IEEE International Electron Devices Meeting, December 1997   |
|   |                       | NORIAKI SATO et al. "A New Programmable Cell Utilizing Insulator Breakdown", IEDM 1985, pp 639-642  |
|  |                       | JINBONG KIM et al. "Three-Transistor One-Time Programmable (OTP) ROM Cell Array Using Standard CMOS Gate Oxide Antifuse", IEEE Electron Device Letters, Vol 24, No. 9, September 2003 pp. 589-591   |
|   |                       | WEI ZHANG et al. "Laser-Formed Vertical Metallic Link and Potential Implementation in Digital Logic Integration", PROC MAPLD, MD, 1999 pp 1-7 (B5)  |

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PTO/SB/08b (08-03)  
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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| Application Number | 10/780.427 |
|--------------------|------------|

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| <b>Filing Date</b> | 2/17/04 |
|--------------------|---------|

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|----------------------|-----------------|
| First Named Inventor | Chih-Ching Shih |
|----------------------|-----------------|

|          |      |
|----------|------|
| Art Unit | 2822 |
|----------|------|

|               |         |
|---------------|---------|
| Examiner Name | SONAR D |
|---------------|---------|

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|------------------------|-------|
| Attorney Docket Number | A1351 |
|------------------------|-------|

## NON PATENT LITERATURE DOCUMENTS

|                       |                    |                    |         |
|-----------------------|--------------------|--------------------|---------|
| Examiner<br>Signature | <i>[Signature]</i> | Date<br>Considered | 10/2/03 |
|-----------------------|--------------------|--------------------|---------|

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Sheet

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of

1

**Complete if Known**

**Application Number**

10/780.427

Filing Date

2/17/04

**First Named Inventor**

Chih-Ching Shih

### Art Unit

2822

**Examiner Name**

SOWARD

**Attorney Docket Number**

A1351

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**Examiner  
Signature**

Date \_\_\_\_\_

**Considered**

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1. Applicant's unique citation designation number (optional). 2. Applicant's place of birth (check mark next to English language fluency). This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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